



6/8
1/7

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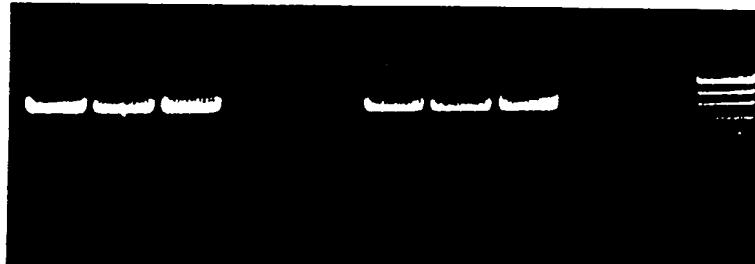
1A
FIG. 6A

72°

20 cycles of 2 min. 94°, 2 min. 60°, 7 min.

ul of KlenTaq-278	1	1	1	1	0	2	2	2	2	0
λH3										
ul of Pfu DNA Pol	1/2	1/4	1/8	0	1/2	1/2	1/4	1/8	0	1

6.6 KB -->



New Art

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New Art

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3/8
2/7

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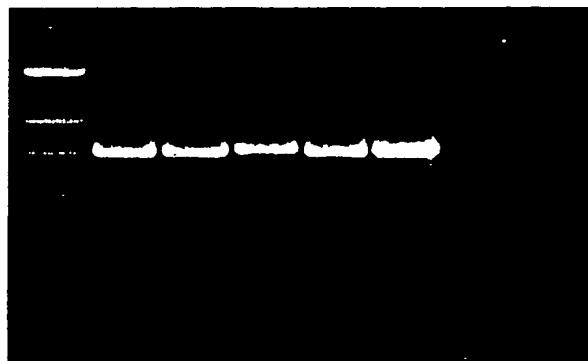
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1B
FIG. 6B

20 cycles of 2 min. 94°, 2 min. 60°, 10 min. 72°

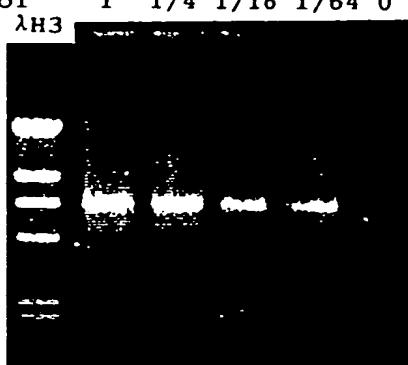
ul of KlenTaq-278	1	1	1	1	1	1	0
ul of Pfu DNA Pol	1/2	1/4	1/8	1/16	1/32	0	1/2



1C
FIG. 6C

20 cycles of 2 min. 95°, 1 min. 60°, 30 min. 72°

ul of KlenTaq-278	1	1	1	1	1
ul of Pfu DNA Pol	1	1/4	1/16	1/64	0





818

3/7

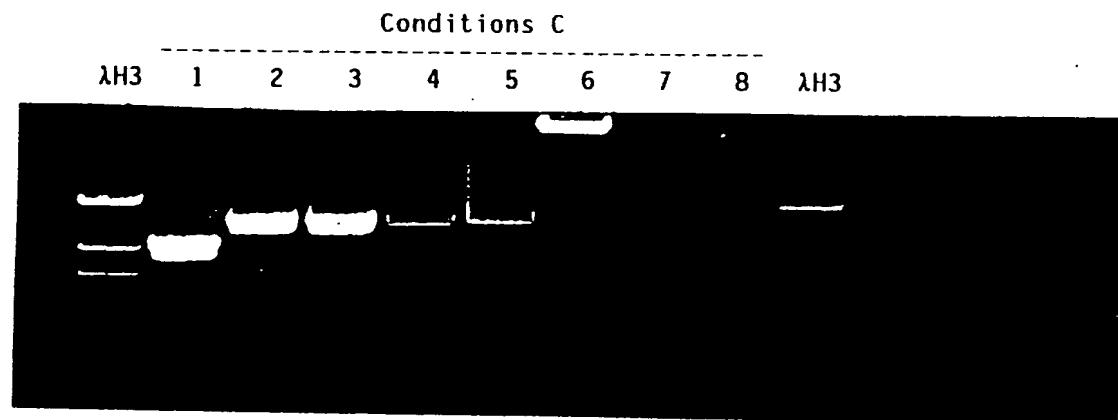
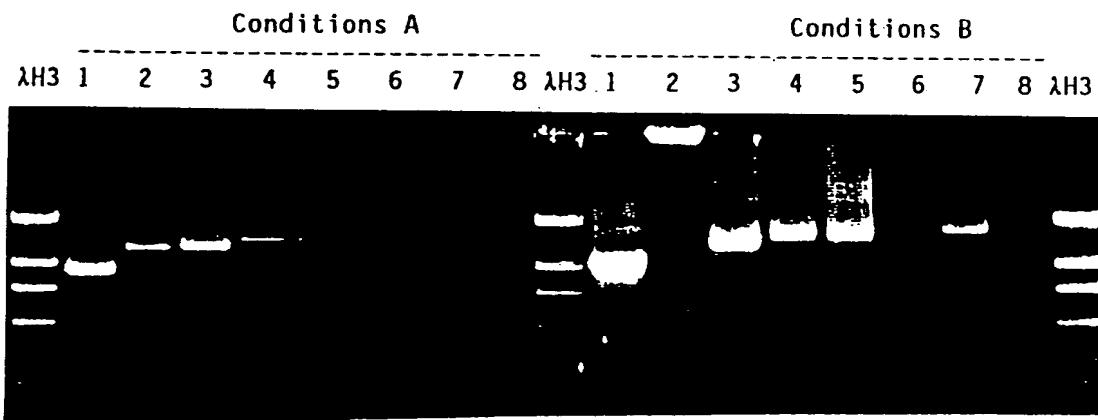
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2
FIG. 7

Channel: 1 2 3 4 5 6 7 8
Template DNA: λ plac5 λ pcytT λ pcytT λ plac5 λ plac5 λ K138 λ K138 λ K138
ng of template: 1 1 10 1 10 1 10 10
primer 1 SEQ ID NO: 9 7 7 10 10 7 7 9
primer 2 SEQ ID NO: 8 8 8 8 8 8 8 8
Size of PCR product
Expected, in kb: 8.4 12.5 12.5 15 15 18 18 19.7



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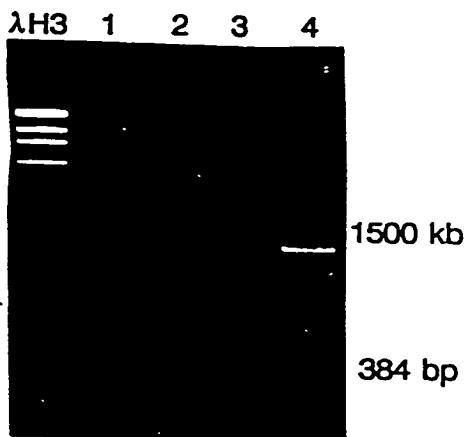
4/7

Figure 3

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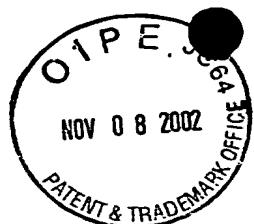


Figure 4

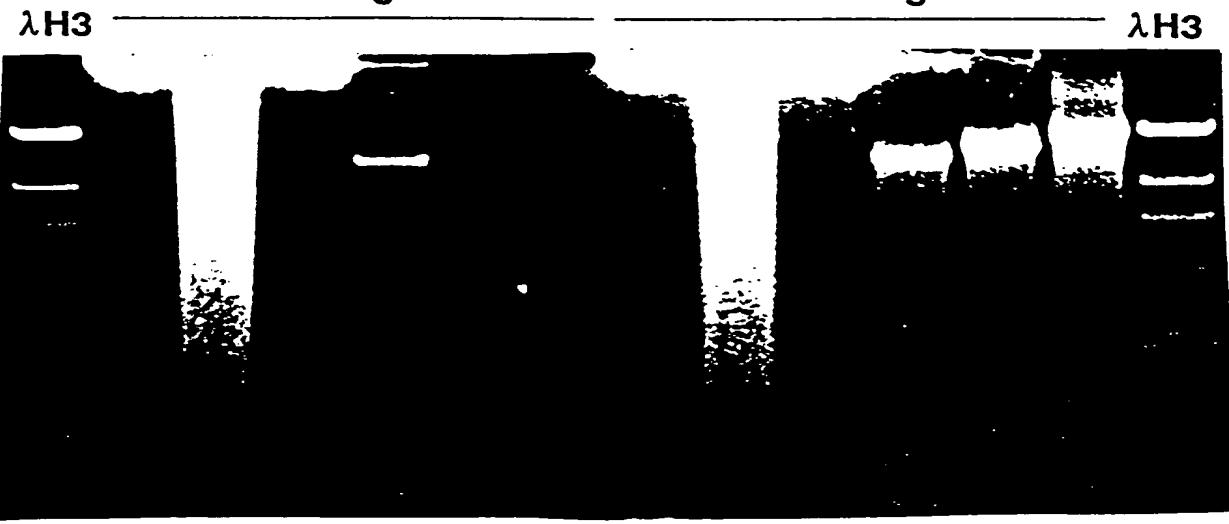
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5/7

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Lane:	1	2	3	4	5	6	7	8	9	10	11	12
target size, kb:	12	15	18	12	15	18	12	15	18	12	15	18
prim r length:	27	33	27	33	27	33	27	33	27	33	27	33
template/100 ul:	2 ng						10 ng					



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Figure 5



6/7

2	2.3	4.4	6.6	9.4	23	49	Lane Size		
							1 S		
							2 26194		
							3 20707		
							4 19.8		
							5 15560		
							6 S	T	
							7 22495	O	
							8 22.0	P	
							9 24.6		
							10 S		
							11 12.1		
							12 5.8		
							13 8.7		
							14 18.0		
							15 S		



7/7

1	2	3	4	5	6	7
S	28	35	S	28	35	S
			H3	H3		

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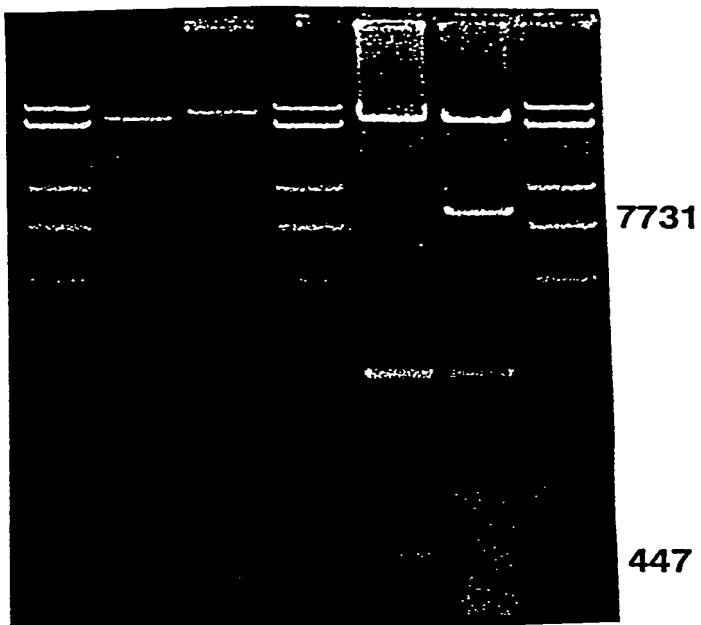


Figure 6

Figure 7

